



#5 6-25-01  
RECEIPT

PATENT  
PD-980199

Customer No. 020991

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Arsenault et al.

I hereby certify that this paper (or fee) is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to:  
Assistant Commissioner for Patents, Washington, DC 20231 on this date:

Serial No.: 09/535,105

Filed: March 24, 2000

Title:

METHOD AND APPARATUS FOR  
STORING AND DISPLAYING DIGITAL  
OBJECTS ASSOCIATED WITH AN  
ELECTRONIC TELEVISION PROGRAM  
GUIDE USING FUZZY LOGIC

Group Art Unit: 2711

Examiner: TO BE DETERMINED

Signature

RECEIVED

Dana J. Warnquist

Typed or printed name of person signing Certificate

Date: March 19, 2001 Technology Center 2600

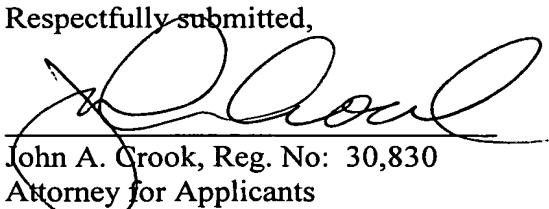
COMMUNICATION REQUESTING CORRECTED FILING RECEIPT

Assistant Commissioner for Patents  
ATTN: Office of Initial Patent Examination's  
Customer Service Center  
Washington, DC 20231

Sir:

Applicants herewith submit a copy of the Filing Receipt for the above-identified pending application. As indicated, some of the information of record is incorrect, and the changes have been highlighted. Please enter the correct information in substitution of the information currently of record. If there are any questions, applicants' attorney can be reached at 303/712.5044 or by facsimile 303/712.5042.

Respectfully submitted,

  
John A. Crook, Reg. No: 30,830  
Attorney for Applicants

Date: March 5, 2001

HUGHES ELECTRONICS CORPORATION  
Bldg. 01, M.S. A109  
P.O. Box 956  
El Segundo, CA 90245-0956  
Telephone: 303/712.5044

**COPY****FILING RECEIPT**

\*OC00000005294989\*


**UNITED STATES DEPARTMENT OF  
COMMERCE  
Patent and Trademark Office**

 Address: ASSISTANT SECRETARY AND  
 COMMISSIONER OF PATENT AND TRADEMARKS  
 Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/535,105	03/24/2000	2711	898	PD-980199	8	14	4

020991  
 HUGHES ELECTRONICS CORPORATION  
 PATENT DOCKET ADMINISTRATION  
 BLDG 001 M/S A109  
 P O BOX 956  
 EL SEGUNDO, CA 902450956

**RECEIVED**

AUG 11 2000

PATENTS & LICENSING  
CORPORATE OFFICE**RECEIVED**

JUN 1 9 2001

Technology Center 2600

Date Mailed: 08/03/2000

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

**Applicant(s)**

Robert G. Arsenault, Redondo Beach, CA ;  
 Glenn C. Creel, Seal Beach, CA ;  
 Kenneth D. Seibert, Redondo Beach, CA ;  
 Tam T. Leminh, Cypress, CA ;  
 Craig A. Finseth, St Paul, MN ;  
 Philip E. Hsiao, Eden Prairie, MN ;  
 Jeffrey A. Brown, Roseville, MN ;

**Continuing Data as Claimed by Applicant**

-THIS APPLN CLAIMS BENEFIT OF 60/126,917 03/29/1999  
 -WHICH CLAIMS BENEFIT OF 60/126,573 03/29/1999-

THIS APPLN CLAIMS BENEFIT OF:  
 60/126,917 03/29/1999 AND  
 60/126,927 03/29/1999 AND  
 60/126,573 03/29/1999.

**Foreign Applications**

If Required, Foreign Filing License Granted 05/25/2000

**Title**

Method and apparatus for storing and displaying digital objects associated with an electronic television program guide using fuzzy logic

Preliminary Class

348

RECEIVED

JUN 19 2001

Data entry by : JONES, ANGELONA

Team : OIPE

Date: 08/03/2000

Technology Center 2600



**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 36 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

**PLEASE NOTE the following information about the Filing Receipt:**

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 600 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, DC 20231

FILE COPY  
#5



# UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 1776

SERIAL NUMBER 09/535,105	FILING DATE 03/24/2000 RULE	CLASS	GROUP ART UNIT 2611	ATTORNEY DOCKET NO. PD-980199
-----------------------------	-----------------------------------	-------	------------------------	-------------------------------------

**APPLICANTS**

Robert G. Arsenault, Redondo Beach, CA;  
 Glenn C. Creel, Seal Beach, CA;  
 Kenneth D. Seibert, Redondo Beach, CA;  
 Tam T. Leminh, Cypress, CA;  
 Craig A. Finseth, St Paul, MN;  
 Philip E. Hsiao, Eden Prairie, MN;  
 Jeffrey A. Brown, Roseville, MN;

**\*\* CONTINUING DATA \*\*\*\*\***

THIS APPLN CLAIMS BENEFIT OF 60/126,917 03/29/1999  
 AND CLAIMS BENEFIT OF 60/126,927 03/29/1999  
 AND CLAIMS BENEFIT OF 60/126,573 03/29/1999

**\*\* FOREIGN APPLICATIONS \*\*\*\*\***

**IF REQUIRED, FOREIGN FILING LICENSE  
GRANTED \*\* 05/25/2000**

Foreign Priority claimed	<input type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY CA	SHEETS DRAWING 8	TOTAL CLAIMS 14	INDEPENDENT CLAIMS 4
35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged	Examiner's Signature _____ Initials _____				

**ADDRESS**

020991

**TITLE**

Method and apparatus for storing and displaying digital objects associated with an electronic television program guide using fuzzy logic

FILING FEE RECEIVED 898	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other <input type="checkbox"/> Credit
-------------------------------	---	---